



The AT150 F1 dual-socket rack-mountable tower server delivers high availability, expansion capability, and flexibility. This robust tower server is an energy-efficient solution for SMBs and branch office deployments.

## Seamless, solid computing

Intel® Xeon® processors 5600 series and up to 192 GB DDR3 memory ensure dynamic scalability for high-speed computing and memory-intensive operations. Hot-pluggable HDDs; memory protection via Mirroring and Lockstep modes; redundant, hot-pluggable system fans; and RAID 0, 1, 5 or 10 support increase server uptime for reliable data processing.

## Superior flexibility and reliability

With up to eight HDDs, six PCIe® 2.0 expansion slots including Acer Flex I/O, and up to 12 DIMM slots, the AT150 F1 enables scale-up business flexibility. What's more, your data is secured with this server's built-in 6-channel SATA with software RAID 0, 1, 5 or 10.

## Proactive management

This server offers robust management solutions: Acer Smart Setup for rapid system configuration, Acer Server Manager for smooth and effective data administration, and Acer Server Console for system health monitoring, alert notification, and KVM-over-IP remote management.

## Cost-effective, energy-efficient operation

The tool-less chassis design makes component access easy and reduces maintenance and service costs. To top it off, Acer proudly supports and participates in the Climate Savers® Computing Initiative and 80 PLUS® program for eco-consciousness.



# AT150 F1



## AT150 F1

## SPECIFICATIONS

<b>Mainboard</b>	<b>Processor type</b>	2 x Intel® Xeon® processors 5600 series
	<b>Chipset</b>	Intel® 5520 chipset
	<b>Graphics</b>	BMC embedded
	<b>Memory<sup>1</sup></b>	<ul style="list-style-type: none"> <li>• 16 MB video memory</li> <li>12 x registered or unbuffered memory DIMMs with Mirroring and Lock-step modes</li> </ul>
	<b>Expansion slots</b>	Registered DIMM size: 1/2/4/8/16 <sup>2</sup> GB <ul style="list-style-type: none"> <li>• Up to 192 GB registered DDR3 1333/1066 memory when populated in 12 DIMM slots</li> </ul>
	<b>Onboard ports</b>	Unbuffered DIMM size: 1/2/4 GB <ul style="list-style-type: none"> <li>• Up to 48 GB unbuffered DDR3 1333/1066 memory when populated in 12 DIMM slots</li> </ul>
<b>Security and service features</b>	<b>RAID<sup>3</sup></b>	2 x PCIe® 2.0 x8 slots (in x16 connector)
	<b>SAS</b>	2 x PCIe® 2.0 x4 slots (in x8 connector)
	<b>LAN controller</b>	Acer Flex I/O x8 slot
		Front: <ul style="list-style-type: none"> <li>• 2 x USB 2.0 ports</li> </ul> Rear: <ul style="list-style-type: none"> <li>• 2 x PS/2 ports (keyboard and mouse)</li> <li>• 4 x USB 2.0 ports</li> <li>• 2 x Gigabit LAN ports (RJ-45)</li> </ul>
<b>Sub-system availability</b>	<b>Mechanical lock</b>	• Management port (RJ-45)
	<b>Administrator/user password</b>	• Serial port
	<b>Power-on password</b>	• Video port
<b>Chassis</b>	<b>Chassis intrusion alert</b>	Setup password
		Device boot control
		Optional TPM ( v1.2-compliant)
<b>OS support</b>	<b>Power supply</b>	560 W 80 PLUS® Gold-level fixed power supply unit
	<b>System cooling</b>	2 x CPU heat sinks, supporting Intel® Xeon® processors with TDP up to 95 W
	<b>Storage</b>	Rear chassis fan with PWM control 3 x middle system fans with PWM control (N+1 redundant, hot-pluggable) <ul style="list-style-type: none"> <li>• Up to 4 x 3.5" SATA or SAS HDDs</li> <li>• Up to 8 x 2.5" SATA or SAS HDDs</li> </ul>
<b>Server management utilities and applications</b>	<b>Form factor</b>	Tower
	<b>Removable media bays</b>	4U rack-mountable
	<b>Dimensions</b>	Up to 3 x 5.25" SATA DVD-ROM / DVD-Super Multi
	<b>Weight</b>	434 (W) x 648 (D) x 178 (H) mm (17.2 x 25.5 x 7 inches) with bezel 28.5 kg (62.81 lbs.)
<b>Warranty</b>	<b>Windows Server® 2008</b>	Red Hat® Enterprise Linux® 5.4
	<b>Windows Server® 2008 R2</b>	Novell® SUSE® Linux® Enterprise Server 11
	<b>Windows Server® 2003</b>	VMware ESXi™ 4
		VMware ESX™ 4
<b>Regulatory compliance</b>	<b>Emissions classification (EMC)</b>	FCC (Class A)
	<b>Industry standard compliance / safety</b>	CE
		BSMI (Class A)
		UL/cUL
		CB

1. Mixed use of registered memory and unbuffered ECC memory not supported.
2. 8 GB and 16 GB memory availability may vary by region.
3. Integrated Serial ATA RAID supports different RAID levels and different operating systems: RAID 0, 1, 5, 10 support for Windows® and RAID 0 1, 10 support for Linux® only.
4. Onboard RAID support varies by RAID type. Intel® onboard RAID supports RAID 0, 1, 5, 10 for Windows® OS. Adaptec onboard RAID supports RAID 0, 1, 10 for Red Hat® and SUSE® Linux® OS.
5. Extension warranty services may vary by country. Please contact Acer authorized resellers for more information.

In a continuing effort to improve the quality of our products, information in this brochure is subject to change without notice. Images appearing are only representations of some of the configurations available for this model. Availability may vary depending on region. Acer disclaims any liability for errors and omissions in product descriptions.

©2011. All rights reserved. Acer and the Acer logo are registered trademarks of Acer Inc. Intel and Xeon are trademarks of Intel Corporation in the U.S. and other countries. Other trademarks, registered trademarks and/or service marks, indicated or otherwise, are the properties of their respective owners.